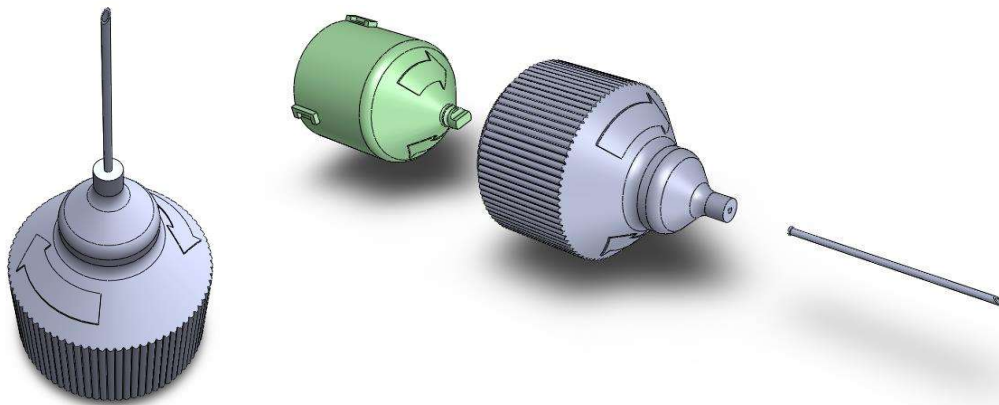


## CASE STUDY – CAD 208 WEEK 3

PROJECT: Injection cap w/controlled break

The Military has commissioned the development of a rapid deployment anti-chemical / biological agent injection unit. The primary development company is having difficulty with field tests that indicate the breakable cap is detaching and clogging the injector nozzle.

Your task is to enhance the design to prevent the cap from clogging the injector nozzle. Redesign if required. Write a minimum two page report on your findings with visuals (FOS2 & Stress plot).



MATERIAL: ACRYLIC (Medical Grade Cast Acrylic)

